

U.S. PATENT & TRADEMARK OFFICE  
FEB 06 2003

PTO/SB/21 (08-00)

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# TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number	09/587,116
Filing Date	June 2, 2000
First Named Inventor	Quay, Steven C.
Group Art Unit	1626
Examiner Name	Small, Andrea D. Souza
Attorney Docket Number	018072-000600US

Total Number of Pages in This Submission

## ENCLOSURES (check all that apply)

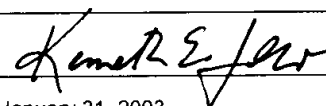
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| <input checked="" type="checkbox"/> Fee Transmittal Form<br><br><input type="checkbox"/> Fee Attached<br><br><input checked="" type="checkbox"/> Amendment / Reply<br><input type="checkbox"/> After Final<br><br><input type="checkbox"/> Affidavits/declaration(s)<br><br><input checked="" type="checkbox"/> Extension of Time Request (SEE REMARKS)<br><br><input type="checkbox"/> Express Abandonment Request<br><br><input type="checkbox"/> Information Disclosure Statement<br><br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><br><input type="checkbox"/> Response to Missing Parts/ Incomplete Application<br><input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Assignment Papers (for an Application)<br><br><input type="checkbox"/> Drawing(s)<br><br><input type="checkbox"/> Licensing-related Papers<br><br><input type="checkbox"/> Petition<br><br><input type="checkbox"/> Petition to Convert to a Provisional Application<br><br><input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address<br><br><input type="checkbox"/> Terminal Disclaimer<br><br><input type="checkbox"/> Request for Refund<br><br><input type="checkbox"/> CD, Number of CD(s) | <input type="checkbox"/> After Allowance Communication to Group<br><br><input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences<br><br><input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)<br><br><input type="checkbox"/> Proprietary Information<br><br><input type="checkbox"/> Status Letter<br><br><input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):<br><br>Return Postcard |
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Remarks

The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.

Applicants petition to extend the period for filing a response in the above-identified U.S. patent application for one month, from January 1, 2003 to February 1, 2003. A Fee Transmittal authorizing the Commissioner to charge the petition fee to our deposit account is attached.

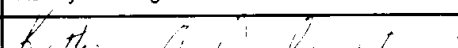
## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm and Individual name	Townsend and Townsend and Crew LLP Kenneth E. Jenkins, Ph.D.	Reg. No. 51,846
Signature		
Date	January 31, 2003	

## CERTIFICATE OF MAILING

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January 31, 2003

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Signature	
Date	January 31, 2003

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FEB 06 2003

PATENT &amp; TRADEMARK OFFICE

PTO/SB/17 (01-03)

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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**FEE TRANSMITTAL  
for FY 2003**

Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** (\$) 55**Complete if Known**

Application Number	09/587,116
Filing Date	June 2, 2000
First Named Inventor	Quay, Steven C.
Examiner Name	Small, Andrea D. Souza
Group Art Unit	1626
Attorney Docket No.	018072-000600US

**METHOD OF PAYMENT (check all that apply)**
☐ Check ☐ Credit Card ☐ MoneyOrder ☐ Other ☐ None
☒ Deposit Account:Deposit  
Account  
Number

20-1430

Deposit  
Account  
Name

Townsend and Townsend and Crew LLP

The Commissioner is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments  
☒ Charge any additional fee(s) during the pendency of this application  
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.
**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	750	2001	375	Utility filing fee	
1002	330	2002	165	Design filing fee	
1003	520	2003	260	Plant filing fee	
1004	750	2004	375	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

**SUBTOTAL (1)**

(\$)

**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

		Extra Claims	Fees from below	Fee Paid
Total Claims		** =		
Independent Claims		** =		
Multiple Dependent		X		

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
1202	18	2202	9	Claims in excess of 20
1201	84	2201	42	Independent claims in excess of 3
1203	280	2203	140	Multiple dependent claim, if not paid
1204	84	2204	42	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

**SUBTOTAL (2)**

(\$)

\*\*or number previously paid, if greater; For Reissues, see above

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	55
1252	410	2252	205	Extension for reply within second month	
1253	930	2253	465	Extension for reply within third month	
1254	1,450	2254	725	Extension for reply within fourth month	
1255	1,970	2255	985	Extension for reply within fifth month	
1401	320	2401	160	Notice of Appeal	
1402	320	2402	160	Filing a brief in support of an appeal	
1403	280	2403	140	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,300	2453	650	Petition to revive - unintentional	
1501	1,300	2501	650	Utility issue fee (or reissue)	
1502	470	2502	235	Design issue fee	
1503	630	2503	315	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Petitions related to provisional applications	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	750	2809	375	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	750	2810	375	For each additional invention to be examined (37 CFR § 1.129(b))	
1801	750	2801	375	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

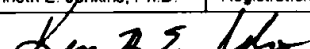
Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid **SUBTOTAL (3)**

(\$55)

**SUBMITTED BY**

Complete (if applicable)

Name (Print/Type)	Kenneth E. Jenkins, Ph.D.	Registration No. (Attorney/Agent)	51,846	Telephone	415-576-0200
Signature				Date	January 31, 2003

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PATENT  
Attorney Docket No.: 018072-000600US

Assistant Commissioner for Patents  
Washington, D.C. 20231

On February 3, 2003

TOWNSEND and TOWNSEND and CREW LLP

By: Kathleen A. Englehardt

TECH CENTER 1600/2900

FEB 10 2003

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13-2  
V  
2-25-3

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

Steven C. Quay

Application No.: 09/587,116

Filed: June 2, 2000

For: PRODUCTION AND USE OF  
DERIVATIZED HOMOSERINE  
LACTONES

Examiner: Small, Andrea D. Souza

Art Unit: 1626

AMENDMENT

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

In response to the Office Action mailed October 1, 2002, please amend the application as shown and consider the following remarks. Applicants petition to extend the period for filing a response in the above-identified U.S. patent application for one month, from January 1, 2003 to February 1, 2003. A Fee Transmittal authorizing the Commissioner to charge the petition fee to our deposit account is attached.

IN THE CLAIMS:

Please cancel claim 6.

Please amend claims 9-12, 21, 22, 25, and 26 as follows:

9. (Once Amended) A compound according to claim 1, wherein R<sup>2</sup>

has the structure:

02